

ARIM Installation Guide

The following items come with your ARIM unit:

One AlarmRelay ARIM unit (Grey or Black box)



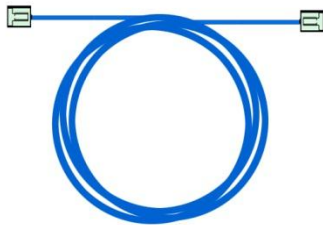
One Alarm Panel connection cable w/ red & green wire leads



One Power cable + Plug Insert



One 4' Cat-5e Ethernet Cable

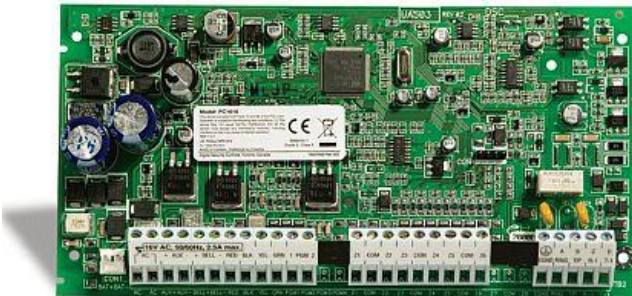


Step 1: Locate your Alarm Panel

This is not the same device as your alarm keypad. Your Alarm Panel is usually located inside a grey or beige metal box, and is typically located in a closet, basement, attic, or garage.



Inside the metal box you will find a circuit board that looks similar to this:



Your alarm panel will have various wire leads from the terminals on the panel, leading to its power plug, your keypad, and all your zones.

Step 2: Connect the cable with the two wire leads on one end to your alarm panel.

****IMPORTANT (PLEASE READ BEFORE INSTALLING ARIM)****

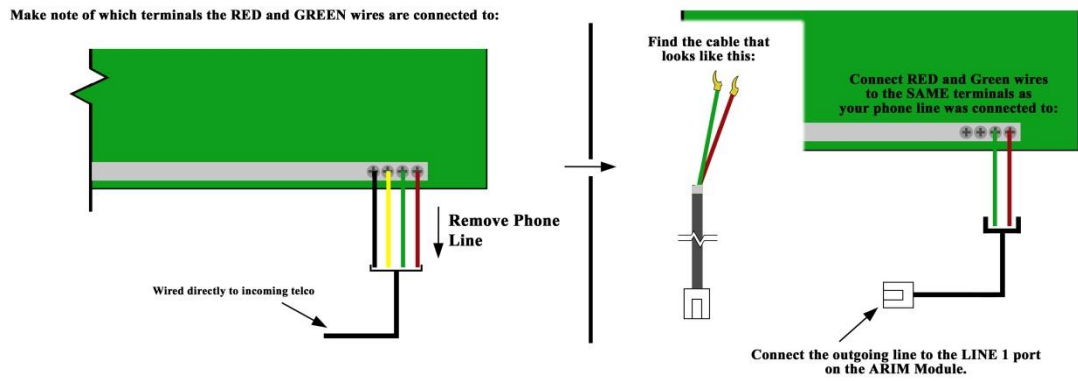
Your ARIM was shipped to you with a cable ending in two metal spade connectors. DO NOT CUT or remove these connectors, as it will render the cable useless, and you will have to replace it prior to your programming appointment. These spade connectors come to you pre-cut and will fit in any alarm panel's wire terminal connections.

Most alarm panels have wire screw-down terminals for all zones, for power, for your keypad connection, and for your phone line. These terminals are generally arranged at the bottom of the panel. Also, most panels will have a wiring diagram on the inside door of the box the panel is

mounted in. If not, you can Google your panel's model number to find the location of your connection terminals.

The specific terminals you are looking for are usually labeled "Tip" and Ring" (or "RNG"). Close by to these terminals you will usually also find terminals labeled "R1" and "T1". If an existing phone line is still connected to your alarm panel, you will see the following connections for phone:

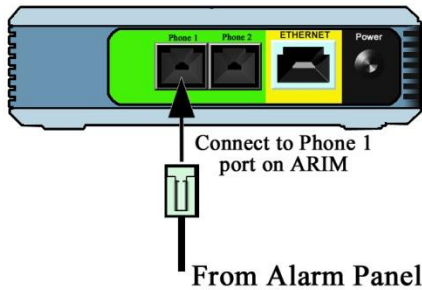
R1: **Black** or **Brown** wire Ring or RNG: **Red** wire
T1: **Yellow** or **Grey** wire Tip: **Green** wire



IF your existing phone line is still connected to the panel, make note of which terminal connectors the RED and GREEN wires are connected to. Then disconnect **ALL FOUR** Wires of the phone line from the panel. Then connect the RED and GREEN wires from the cable we sent with the ARIM to the same connectors for RED and GREEN that your phone line used.

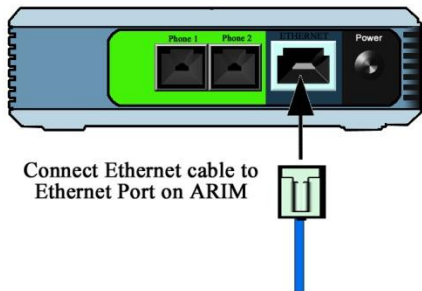
IF you do not have an existing phone line connected to your panel, then you must locate the TIP, Ring (RNG), R1 and T1 terminals on your alarm panel. First, be sure there is no connection to ANY of these four terminals. Then, Connect the RED wire from the cable provided to the Ring (RNG) terminal, and the GREEN wire from that cable to the TIP terminal.

Step 2: Connect the other end of the alarm panel cable to the Phone 1 port on the ARIM device.



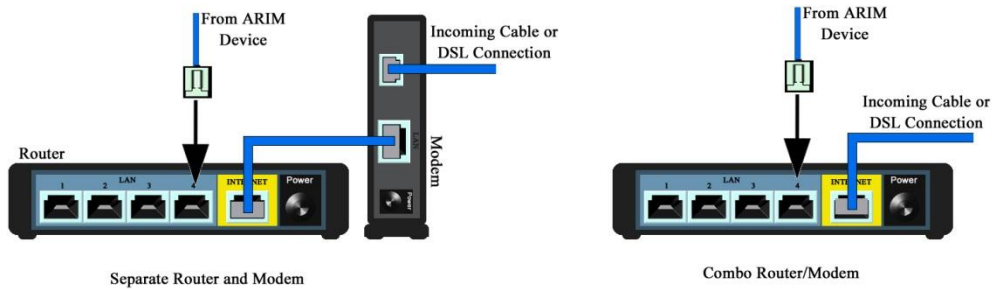
If you need a longer cable for this connection, you may lengthen the cable provided by using an in-line adapter, which can be found at most electronics stores, and a second, regular phone line (like the ones used from your phone jack to your phone). The total length of cable, from the panel to the ARIM module, CANNOT EXCEED 25 FEET. Cables longer than 25 feet reduce the strength of the alarm signal, and prevent AlarmRelay from getting clear signals from your alarm panel.

Step 3: Connect the Cat-5e Ethernet cable to the “Internet” port on the ARIM device.



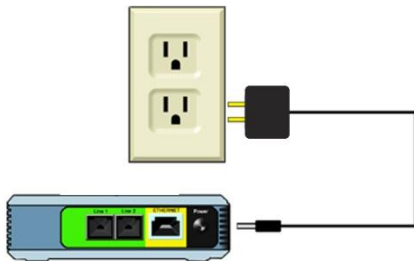
If the provided cable is not long enough for you, you will have to provide your own cable that is long enough. Total Ethernet cable length CANNOT EXCEED 300 FEET.

Step 4: Connect the other end of the Ethernet cable to an open port on your Router.

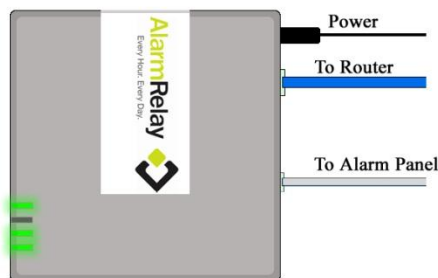


Your router is the device that all your computers are connected to. This is not the same as your Modem, which is the device that receives the Internet from your cable or DSL provider. In some cases, this is the same device, a 2-in-1 of sorts. If your device has only one port, and that port's cable is connected to another device with four or more ports, the first device is your modem and the second is your router. If on the other hand, you have a device that all your internet devices connect to, AND it also has a connection for your cable or DSL line, this is a combo device. You will connect your ARIM to an open port on this device.

Step 4: Connect the power adapter to your ARIM device, and plug it in.

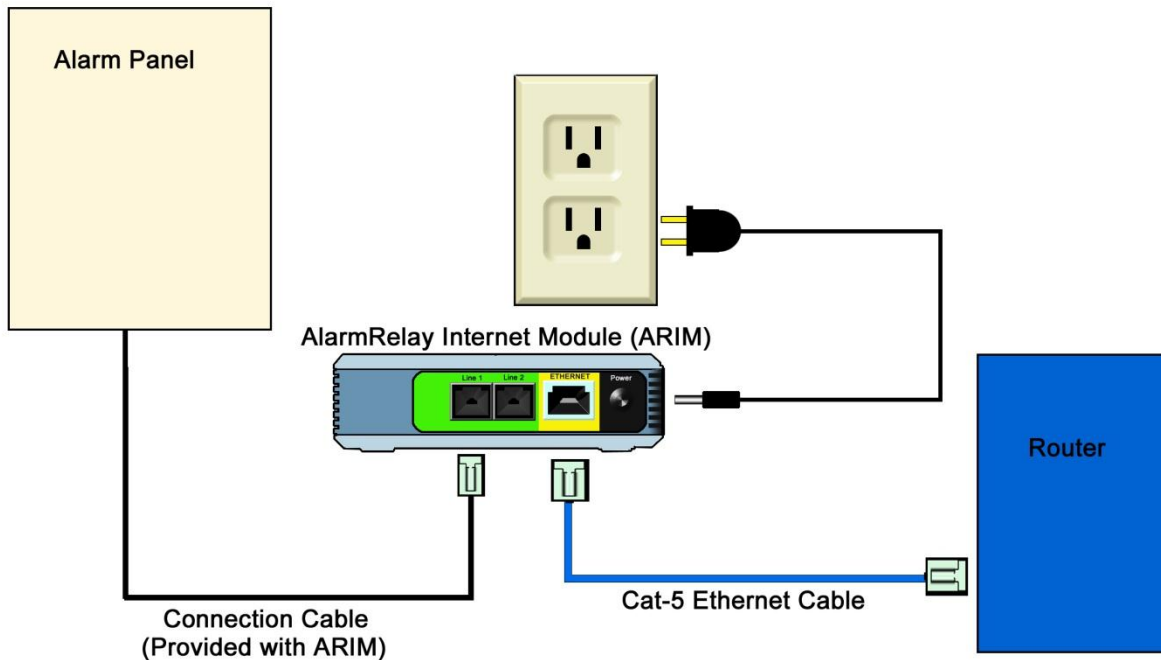


If all the steps above are complete, Your ARIM device will show three green lights: Power, Internet & Phone 1.



These lights may flash or pulse, but as long as they are lit up, you are connected and ready for your programming appointment. If they do not (particularly the Internet light), then the ARIM device is not getting an IP Address from your router, or there is some other connection issue. If you need assistance or have questions, please call 1(800)624-6866, and let our Customer Service Dept. know you need assistance with installing your ARIM device. We will be happy to schedule an appointment with our IT Dept. to help you.

Method 1



If distance or structure prevent you from running a straight Cat-5 Ethernet cable connection from the ARIM to your Router, there are other methods of connecting. Please refer to the document "ARIM Module: Other Connection Methods.pdf", which you can download from:

<http://www.alarmrelay.com/downloads/>

If you have any questions, please call us at 1(800)624-6866. Thank you.